PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5579448

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JIANPING YING	04/15/2019
MING WANG	04/15/2019
XIAOBO HUANG	04/15/2019
JUN LIU	04/15/2019
ZHIMING HU	04/15/2019

RECEIVING PARTY DATA

Name:	DELTA ELECTRONICS,INC.
Street Address:	31-1 XINGBANG ROAD, GUISHAN INDUSTRIAL ZONE
City:	TAOYUAN CITY, TAIWAN
State/Country:	CHINA
Postal Code:	33370

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16445483

CORRESPONDENCE DATA

Fax Number:

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 917-439-4481

Email: lungtinus@lungtin.com

Correspondent Name: YUNLING REN Address Line 1: LUNG TIN LLC

Address Line 2: 3 PARK AVENUE 15TH FLOOR
Address Line 4: NEW YORK, NEW YORK 10016

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ATTORNEY DOCKET NUMBER:	1707738CN01-US
NAME OF SUBMITTER:	YUNLING REN
SIGNATURE:	/Yunling REN/
DATE SIGNED:	06/19/2019
	This document serves as an Oath/Declaration (37 CFR 1.63).

PATENT REEL: 049516 FRAME: 0784

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Total Attachments: 10 source=DeclarationAssignment#page1.tif source=DeclarationAssignment#page2.tif source=DeclarationAssignment#page3.tif source=DeclarationAssignment#page4.tif source=DeclarationAssignment#page5.tif source=DeclarationAssignment#page6.tif source=DeclarationAssignment#page7.tif source=DeclarationAssignment#page8.tif source=DeclarationAssignment#page9.tif source=DeclarationAssignment#page9.tif

Title of Invention	DRIVE CIRCUIT OF POWER SEMICONDUCTOR SWITCH
As a below	named inventor, I hereby declare that:
This decla is directed The above-	☑ The attached application or
I believe that in the applic	at I am the original inventor or an original joint inventor of a claimed invention cation.
I hereby a punishable years, or bo	cknowledge that any willful false statement made in this declaration is under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) oth.

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, each undersigned inventor (hereinafter referred to as "ASSIGNOR"), do hereby:

SELL, ASSIGN AND TRANSFER to <u>Delta Electronics</u>, Inc., having a place of business at <u>31-1 Xingbang Road</u>, <u>Guishan Industrial Zone</u>, <u>Taoyuan City 33370</u>, <u>Taiwan</u>, (hereinafter referred to as "ASSIGNEE"), the entire right, title and interest for the United States and all foreign countries in and to any and all inventions which are disclosed in the above-identified application for United States Letters Patent, which has been executed by the undersigned concurrently herewith, which claims priority to <u>201810631947.0</u> filed on <u>June 19, 2018</u> such applications and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such inventions; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such inventions; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such inventions to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be

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COVENANT, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such inventions; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to such inventions and the history thereof; and generally do everything possible which the Assignee shall consider desirable for vesting title to such inventions in the Assignee, and for securing, maintaining and enforcing proper patent protection for such inventions;

TO BE BINDING on the heirs; assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

ASSIGNOR HEREBY REPRESENTS AND WARRANTS that ASSIGNOR has the full and unencumbered right to sell, assign, and transfer the interests sold, assigned, and transferred herein, and that ASSIGNOR has not executed and will not execute any document or instrument in conflict herewith.

ASSIGNOR HEREBY GRANTS to the agents and attorneys of ______ the power and authority to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

The assignment of said invention is effective as of the earlier of (1) the date of execution shown below or (2) the filing date of the first filed of said patent applications.

STATEMENTS

I have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment referred to above.

LEGAL NAME OF INVENTOR	
Inventor: Jianping YING	Date: 2019. 4. 15
Signature: Jian No 11] Audukkakapitkoorytaanoopistyskaadadauddioochityssänoogiollisasuddioofichyssyntynynyn yr nyn yr men
j	

Title of Invention	DRIVE CIRCUIT OF POWER SEMICONDUCTOR SWITCH
As a below	named inventor, I hereby declare that:
This decla is directed The above-	77 The attached application or
I believe tha in the applic	at I am the original inventor or an original joint inventor of a claimed invention cation.
l hereby a punishable years, or bo	cknowledge that any willful false statement made in this declaration is under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) oth.

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LEGAL NAME	OF INVENTOR	
Inventor: Minc	WANG	Date: 20 9. 4. 15.
Signature:	Min Wans	
	/ /	

Title of Invention	DRIVE CIRCUIT OF POWER SEMICONDUCTOR SWITCH
As a below	named inventor, I hereby declare that:
This decla	ration The attached application, or
is directed	to: The attached application, or The attached application The attach
~~1	number filed on
	identified application was made or authorized to be made by me.
I believe that in the applic	at I am the original inventor or an original joint inventor of a claimed invention ation.
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LEGAL NAME OF INVENTOR	
Inventor: Xiaobo HUANG	Date:2019. 415
Signature: Xiao bo HUANG.	

Title of Invention	DRIVE CIRCUIT OF POWER SEMICONDUCTOR SWITCH
As a below	named inventor, I hereby declare that:
This decla	
is directed	
	^{I□} United States application or PCT international application number filed on
The above-	dentified application was made or authorized to be made by me.
I believe that in the applic	at I am the original inventor or an original joint inventor of a claimed invention ation.
	cknowledge that any willful false statement made in this declaration is under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) th.

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LEGAL NAME OF INVENTOR	
Inventor: Jun LIU	Date: 2019.4.15
Signature: Jun Liv	

Title of Invention	DRIVE CIRCUIT OF POWER SEMICONDUCTOR SWITCH				
As a below	named inventor, I hereby declare that:				
This decla is directed The above-	☑ The attached application, or				
l believe the	at I am the original inventor or an original joint inventor of a claimed invention cation.				
I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.					

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STATEMENTS

I have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the United States Patent Office all information known to me to be material to patentability as defined in 37 C.F.R. 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part.

LEGAL NAME OF INVENTOR		
Inventor: Zhiming HU	_ Date:_	2019.4.15
Signature: Zhiming Hu	MWWW Access MANAGER	**************************************

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